Message

From: Hirsh, Steven [Hirsh.Steven@epa.gov]
Sent: 2/12/2018 6:50:47 PM
To: O'Loughlin, Connor [oloughlin.connor@epa.gov]
Subject: RE: Blades Delaware Inquiry (Do you have anything for #3?)

You are correct...I sent him an apology...he doesn't care but does want to meet you.

Steve

Steven Hirsh, Associate Director
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From: O'Loughlin, Connor
Sent: Monday, February 12, 2018 1:49 PM
To: Hirsh, Steven <Hirsh.Steven@epa.gov>
Subject: RE: Blades Delaware Inquiry (Do you have anything for #3?)

Steve,

It seems like you had sent the string of email with the full questions to Connor Garth instead of myself. I have responded below.

From: Hirsh, Steven
Sent: Monday, February 12, 2018 1:08 PM
To: O'Loughlin, Connor <oloughlin.connor@epa.gov>
Subject: RE: Blades Delaware Inquiry (Do you have anything for #3?)

Why did EPA request DNREC to do sampling?

> As part of the Site Assessment processes, EPA continually reviews sites after the Preliminary Assessment and Site Inspections have occurred to ensure the cleanup process has concluded. Sites such as these are in Other Cleanup Activities (OCA). The State of Delaware's DNREC-SIRS in cooperation with EPA's Site Assessment completed the PA in October 2010 and the SI in September of 2011. In 2011 DNREC-SIRS took the site back and the owner entered the state VCP program. The Site was placed into the OCA status. The owner conducted a remedial investigation from 2011 to present. In October of 2016, I conducted a full OCA site review as part of the closeout assessment process and identified new data which indicated that the chemical Fumetrol 140 was used at the site and contains PFOS/PFOA. On October 12, 2016, due to the new information, EPA suggested to DNREC that the municipal wells be sampled for PFOS/PFOA, chromium, and VOCs to determine if contamination has migrated to the three municipal wells from two electroplating facilities nearby. In November of 2016 DNREC-SIRS submitted a formal request and work plan to EPA to sample the wells for all of the

potential plating constituents. The sampling was conducted using EPA cooperative agreement funds.

Where is the PFOA risk coming from?

The potential sources of the contamination are Procino Plating and Peninsula Plating sites.
The Procino site was an electroplating facility that operated from the 1980s to 2015.
The Peninsula site was an electroplating and industrial chemical storage facility that operated from 1980-1995.

What is EPA and DNREC doing about this? (Does DNREC have the lead for this? I believe so...and we should be able to say so if this is fact and emphasize that EPA is in a support role.

In the fall of 2016 EPA Site Assessment group consulted with headquarters to discuss collecting samples from the three municipal wells under EPA's cooperative agreement for the Site Assessment Program. In November 2016, the EPA Site Assessment team requested that DNREC-SIRS sample the three wells. In the spring of 2017 DNREC-SIRS finalized the workplan to sample the wells and EPA concurred with the workplan. In January 2018, DNREC-SIRS collected water samples from the three municipal wells for PFC's, metals, and VOC's. The samples were collected by DNREC-SIRS personnel to determine if the Procino Plating site, which is conducting an remedial investigation through the VCP program, will be able to end the RI and start the long-term monitoring phase. The results are to be used to determine the OCA status within EPA's Site Assessment Program. Validated sample results were received on February 8, 2018 and disseminated by DNREC-SIRS to the EPA. The EPA OSC mobilized to the site and surrounding residential areas on February 12, 2018 to sample a municipal wells, and attempt to get access to sample residential wells surrounding the sites.

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